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## CLAIMS:

1. A mapping arrangement for defining selected physical characteristics of a surface to be imaged, the arrangement  
5 comprising a template device for temporary application to said surface; said template device being configured and constructed such that, when photographed in situ on said surface, it provides a computer supplied with a digital image of the photograph with data from which one or more of said physical  
10 characteristics can be automatically computed, thereby permitting the computer to utilise software, requiring inputs indicative of said characteristics, capable of changing the appearance of the imaged surface in accordance with user selection.
- 15 2. An arrangement according to claim 1 wherein the template device comprises a sheet carrying markings of known dimensions and at known relative orientations, thereby permitting geometric characteristics of the surface to be accurately  
20 defined.
3. An arrangement according to claim 1 or claim 2 wherein the said markings include components defining a rectangular frame with opposing sides being substantially parallel,  
25 thereby permitting the accurate derivation of perspective data for the surface.
4. An arrangement according to claim 3 wherein the parallel sides are substantially aligned with perspective defining  
30 edges of said surface.
5. An arrangement according to any preceding claim wherein at least a portion of the template device is formed to reflect

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incident light to a predetermined extent, thereby permitting the derivation of suitable brightness data for the surface.

6. An arrangement according to any preceding claim wherein  
5 the template device further comprises a directional indicator to indicate the orientation of patterns or ornamentation incorporated by means of the software into surface treatments to be displayed on the image of said surface.
- 10 7. An arrangement according to claim 6 wherein said directional indicator comprises a broad arrowhead device.
8. A mapping arrangement for defining selected physical  
15 characteristics of a surface to be imaged substantially as hereinbefore described with reference to and/or as shown in the accompanying drawings.
9. A method of mapping a surface comprising the steps of:  
(a) temporarily attaching a template device to the surface;  
20 (b) providing a photograph of said surface with the template device in situ; and  
(c) inputting a digital representation of said photograph to a computer provided with software capable, under user control, of changing the appearance of an image of the  
25 surface displayed thereby;  
the template device providing the computer with information defining one or more physical characteristics of said surface.